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	Application No.	Applicant(s)	
Notice of Allowability	10/710,842	KWUN-YAO HO ET AL.	
	Examiner	Art Unit	
	Jasmine J. Clark	2815	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED in 15) or other appropriate comm RIGHTS. This application is	n this application. If not included unication will be mailed in due course	
1. This communication is responsive to			
2. The allowed claim(s) is/are <u>1-21</u> .	,		
3. The drawings filed on <u>06 August 2004</u> are accepted by t	he Examiner.		
4.	ave been received. ave been received in Application documents have been received. E" of this communication to file NMENT of this application. comitted. Note the attached EX gives reason(s) why the oath of the submitted. erson's Patent Drawing Reviewer's Amendment / Comment of the header according to 37 Cliposit of BIOLOGICAL MAT	on No In this national stage application from this national stage application from the a reply complying with the requirem the area of the area of the drawings in the front (not the back) of the drawings in the front (not the back) of the drawings in the submitted. Note the	ents E OF
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/Statement No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposition of Biological Material	B) 6. ☐ Interview S Paper No. B/08), 7. ☐ Examiner's	Informal Patent Application (PTO-152) Immary (PTO-413), Implication (PTO-152) Implicatio	

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References Cited

1. The references of interest are cited:

Gorowitz et al. (US 5,757,072) show a structure of a device, comprising a carrier with a surface (see Fig. 1); a plurality of chips 12; an insulation layer 120 positioned on the surface of the carrier, wherein the insulation layer has a plurality of via holes, and a depth of the via hole in a direction perpendicular to the surface of the carrier; and a patterned metallic layer positioned on the insulation layer and filling the via holes, wherein the patterned metallic layer serves as interconnecting lines inside the device. However, Gorowitz fails to teach having at least two chips are stacked, and having the via holes that linked to the surface of the carrier as set forth in claim 1. Furthermore, Gorowitz fails to teach a process of fabricating a multi-package as set forth in claim 8 and the limitations as set forth in claim 16.

Please also see Her et al. (US 6,650,009 B2), Fillion et al. (US 6,239,482 B1), Tsunashima (US 6,087,719), Wojnarowski et al. (US 5,703,400), Chen et al. (US 6,680,529 B2), lovdalsky et al. (US 6,057,593), Mowatt et al. (US 6,400,573 B1), Lin (US 5,886,401), Eichelberger (US 5,841,193), and Imaoka et al. (US 5,825,080).

Field of Search

2. This application was searched, in class 257, subclasses 723, 685, 686, and class 438, subclass 109, in view of the limitations of the claimed invention. This search was ineffective.

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Allowable Subject Matter

3. Claims 1-21 are allowed.

The following is an examiner's statement of reasons for allowance: please see the above discussion in paragraph 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Telephone Inquiry Contacts

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasmine J. Clark whose telephone number is (571) 272-1726. The examiner can normally be reached on Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on (571) 272-1664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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